

## AMENDMENTS TO THE CLAIMS

1. (Original) A method for using an administration of anticoagulation medication system accessed via a computer terminal over a network, the method comprising the steps of:  
  
receiving current information for each patient's visit; and  
  
automatically calculating a new weekly dose medication regimen based on the received information.
2. (Original) The method in accordance with claim 1, wherein the information received includes at least one of a patient's current weekly anticoagulation medication dose, current international normalized ratio, and international normalized ratio goal.
3. (Original) The method in accordance with claim 2, wherein the new weekly dose medication regimen is based on at least one of the patient's current weekly anticoagulation medication dose, current international normalize ratio, and international normalized ratio goal.
4. (Currently Amended) The method in accordance with claim 1, wherein the new weekly dose medication regimen is calculated based on an equation customizable by each user.
5. (Original) The method in accordance with claim 1, further comprising displaying standard medical guidelines in response to a user's request.

6. (Original) The method in accordance with claim 5, wherein the standard medical guidelines are published by American College of Chest Physicians.
7. (Original) The method in accordance with claim 1, further comprising converting the new weekly dose medication into daily doses based on a number of milligrams in a single pill.
8. (Original) The method in accordance with claim 7, wherein said converting step further comprises receiving from a user over the network a setting of a predetermined number of milligrams in a single pill as defined by the user.
9. (Original) The method in accordance with claim 1, wherein the anticoagulation medication is low molecular weight heparin.
10. (Original) The method in accordance with claim 1, further comprising searching a database of patient records based on at least one of patient's last name, patient's first name, medical record number, social security number and patient identification.
11. (Original) The method in accordance with claim 1, further comprising displaying a list of patients that are overdue for a scheduled visit as of a current date.

12. (Original) The method in accordance with claim 11, wherein the scheduled visit is overdue if delayed more than a predetermined number of days, as defined by a user, relative to a current date.

13. (Original) The method in accordance with claim 1, wherein the current information includes updated medication information, the method further comprising automatically displaying medication interaction messages in response to receiving the updated medication information.

14. (Original) The method in accordance with claim 1, further comprising displaying a list of patients scheduled for a visit on a current date.

15. (Original) The method in accordance with claim 14, further comprising selecting a particular patient from the list of patients scheduled.

16. (Original) The method in accordance with claim 1, further comprising generating a report of at least one of patient, physician, and clinic summary information.

17. (Original) The method in accordance with claim 16, wherein said report is customizable as to which fields are to be included therein.

18. (Original) The method in accordance with claim 17, wherein said report is customizable in at least one of sorting and grouping of the fields included therein.

19. (Original) The method in accordance with claim 1, further comprising the steps of:  
accessing the system via a web site; and  
receiving a selection of preferences to customize configuration of the web site.
20. (Original) The method in accordance with claim 1, further comprising automatically calculating a scheduled return visit based on whether the new weekly dose medication regimen has changed relative to the current weekly anticoagulation medication dose.
21. (Currently Amended) A system for administration of anticoagulation medication accessed via a computer terminal over a network, comprising:  
~~means for~~ a first device receiving current information for each patient's visit; and  
~~means for~~ a second device automatically calculating a new weekly dose medication regimen based on the received information.
22. (Original) The system in accordance with claim 21, wherein the current information received includes at least one of a patient's current weekly anticoagulation medication dose, current international normalized ratio, and international normalized ratio goal.
23. (Original) The system in accordance with claim 22, wherein the new weekly dose medication regimen is based on at least one of the patient's current weekly anticoagulation medication dose, current international normalize ratio, and international normalized ratio goal.

24. (Currently Amended) The system in accordance with claim 21, wherein the new weekly dose medication regimen is calculated based on ~~[[a]]~~ an equation customizable by each user.

25. (Currently Amended) The system in accordance with claim 21, further comprising ~~means for converting~~ a device to convert the new weekly dose medication into daily doses based on a number of milligrams in a single pill.

26. (Currently Amended) The system in accordance with claim 25, wherein said converting ~~means~~ device comprises ~~means for receiving~~ a device to receive from a user over the network a setting of a predetermined number of milligrams in a single pill as defined by the user.

27. (Original) The system in accordance with claim 21, wherein the anticoagulation medication is low molecular weight heparin.

28. (Currently Amended) The system in accordance with claim 21, further comprising ~~means for~~ a display device displaying a list of patients that are overdue for a scheduled visit as of a current date.

29. (Original) The system in accordance with claim 28, wherein the scheduled visit is overdue if delayed more than a predetermined number of days, as defined by a user, relative to a current date.

30. (Currently Amended) The system in accordance with claim 21, wherein the current information includes updated medication information, the system further comprising ~~means for a~~ display device automatically displaying medication interaction messages in response to receiving the updated medication information.

31. (Currently Amended) The system in accordance with claim 21, further comprising ~~means for a display device displaying a list of patients scheduled for a visit on a current date.~~

32. (Currently Amended) The system in accordance with claim 21, further comprising ~~means for~~ a report generating device generating a report of at least one of patient, physician, and clinic summary information.

33. (Original) The system in accordance with claim 32, wherein said report is customizable as to which fields are to be included therein.

34. (Original) The system in accordance with claim 33, wherein said report is customizable in at least one of sorting and grouping of the fields included therein.

35. (Currently Amended) The system in accordance with claim 21, further comprising:

~~means for a first device~~ accessing the system via a web site; and

~~means for a second device~~ receiving a selection of preferences to customize configuration of the web site.

36. (Currently Amended) The system in accordance with claim 21, further comprising ~~means for a calculation device~~ automatically calculating a scheduled return visit based on whether the new weekly dose medication regimen has changed relative to the current weekly anticoagulation medication dose.

37. (Original) A system for administration of anticoagulation medication accessed via a computer terminal over a network, comprising:

a processor for receiving current information for each patient's visit and automatically calculating a new weekly dose medication regimen based on the received information.

38. (Original) The system in accordance with claim 37, wherein the current information received includes at least one of a patient's current weekly anticoagulation medication dose, current international normalized ratio, and international normalized ratio goal.

39. (Original) The system in accordance with claim 38, wherein the new weekly dose medication regimen is based on at least one of the patient's current weekly anticoagulation medication dose, current international normalize ratio, and international normalized ratio goal.